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Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PATENT APPLICATION

	Attornov Dookst No.		8540G-000233 (GP-303355)					
Attorney Docket No.		VO.	6540G-000255 (GF-505555)					
First Inventor Mic		Mich	nael W. Murphy					
Title ULTRA SHOP			T HIGH PRESSURE GRADIENT FLOW PATH FLOW					

IRANSWITTAL					Title FIELD				
(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))					ess Mail Label No.	EL 623 311 909	us	50	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.					ADDRESS TO	O: Commissio	atent Application ner for Patents 450 VA 22313-1450	U.S. 5881	
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages 29] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. Drawing(s) (35 U.S.C.113) [Total Sheets 8] 5. Oath or Declaration [Total Pages 3] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 18 completed in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet under 37 CFR 1.76: Continuation Data Sheet under 37 CFR 1.76:					c. Statements verifying identity of above copies ACCOMPANYING APPLICATIONS PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 C.F.R.§3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other:				
			17. CORRESPO		NCE ADDRESS	*			
□ Customer Number or Bar Code Label (Insert Customer No. or A)						_	prrespondence address b	elow	
Name Harness, Dickey & Pierce, P.L.C.									
Linda M. Deschere									
Address P.O. Box 828									
City Bloomfield Hills State			МІ	***************************************	Zip Code	48303			
Country	United States	of America	Telephone	24	8-641-1600	Fax	248-641-0270		
Name ((Print/Type)	Linda M. Desche	ere	Reg	istration No. (Atto	orney/Agent)	34,811		
Signati	ura	-8.1	7	1		Data	January 16 2004		

PTO/SB/17 (01-03)

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FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

1418

	Complete if Known	`
Application Number	To be assigned	
Filing Date	To be assigned	
First Named Inventor	Michael W. Murphy	
Examiner Name	To be assigned	
Art Unit	To be assigned	
Attorney Docket No.	8540G-000233 (GP-303355)	

METHOD OF PAYMENT (check all that apply)							FEE C	ALCULATION (continued)	
Chook C Credit cord C Marsey C Other C Ness			3. ADD	ITIONAL	L FEES			•	
☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None Order				Large	Entity	Small E	ntity		
⊠ Deposit Account:					Fee	Fee	Fee		
Denosit	Deposit				(\$)	Code	(\$)	Fee Description	Fee Paid
Account	07-0960			1051	130	2051	65	Surcharge - late filing fee or oath	
Number				1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
Deposit				1053	130	1053	130	Non-English specification	
Account	General Motors Co	rporation		1812	2,520	1812	2,520	For filing a request for reexamination	
Name				1804	920*	1804	920*	Requesting publication of SIR prior to	
	uthorized to: (chec							Examiner action	
		Credit any overpayment g the pendency of this ap		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
Charge fee(s)	indicated below, exe	cept for the filing fee	plication	1251	110	2251	55	Extension for reply within first month	
to the above-iden	tified deposit accour	nt.		1252	420	2252	210	Extension for reply within second	
	FEE CALC	CULATION		,				month	
1. BASIC FII	ING FEE			1253	950	2253	475	Extension for reply within third month	
Large Entity	Small Entity			1254	1,480	2254	740	Extension for reply within fourth	
		Description		1055		0055	4 005	month	——
	Code (\$)		e Paid	1255	2,010	2255	1,005	Extension for reply within fifth month	\vdash
		ity filing fee 77	′0	1401 1402	330 330	2401 2402	165 165	Notice of Appeal	
		sign filing fee		1403	290	2402	145	Filing a brief in support of an appeal Request for oral hearing	
		nt filing fee		1403	290	2403	143	Petition to institute a public use	\vdash
		ssue filing fee		1451	1,510	1451	1,510	proceeding	
1005 160	2005 80 Pro	visional filling fee		1452	110	2452	55	Petition to revive - unavoidable	
	SUBTOTAL (1)) (\$)	770	1453	1,330	2453	665	Petition to revive - unintentional	
				1501	1,330	2501	665	Utility issue fee (or reissue)	
2. EXTRA CLAIN			_	1502	480	2502	240	Design issue fee	
		dra Fee from aims below	Fee Paid	1503	640	2503	320	Plant issue fee	
Total Claims 49	-20 ** = 29		522	1460	130	1460	130	Petitions to the Commissioner	
Independent				1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
Claims 4	-3 ** = 1	X 86 =	86	1806	180	1806	180	Submission of Information Disclosure Stmt	
Multiple Dependent		x =	0		l			Recording each patent assignment	
· .	0	L		8021	40	8021	40	per property (times number of	40
Large Entity Fee Fee	Small Entity			1000	770	2000	205	properties)	— —
Fee Fee Code (\$)	Fee Fee Code (\$)	Fee Description		1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1202 18	2202 9	Claims in excess of 20		1810	770	2810	385	For each additional invention to be	
1201 86	2201 43	Independent claims in exce	ess of 3					examined (37 CFR § 1.129(b))	
1203 290	2203 145	Multiple dependent claim,	if not paid	1801	770	2801	385	Request for Continued Examination (RCE)	
1204 86	2204 43	** Reissue independent cla	aims over	1802	900	1802		Request for expedited examination	
		original patent ** Reissue claims in exces	o of 20 and	1002	300 1	1002	300	of a design application	
1205 18 2205 9 Over original patent							 		
				Other fe	e (specif	fy)			
	SUBT	OTAL (2) (\$) 608							
		L		*Reduc	ed by Ba	sic Filing	Fee Pa	id SUBTOTAL (3) (\$) 40	
**or number prev	riously paid, if greate	er; For Reissues, see abo	ove						

SUBMITTED BY Complete (if applicable)								
Name (Print/Type)	Linda M. Deschere	Registration No. Attorney/Agent)	34,811	Telephone	(248) 641-1600			
Signature	0	a		Date	January 26, 2004			